

SECTION 807 -- EROSION CONTROL

807.01 -- Description

This work shall consist of the preparation of slopes and waterways and the furnishing and application of fertilizer, seed, and soil retention blankets at the locations shown in the plans.

807.02 -- Material Requirements

1. The soil retention blanket shall be of the type specified in the plans and shall be on the NDR Approved Products List.

2. Wire staples shall be used for anchoring the soil retention blanket. The staples for the soil retention blankets shall be as follows:

a. For "Erosion Control" and "Erosion Control Type HV": 11 gauge (0.12 inch) diameter steel wire with a 1 inch or larger throat with at least 6 inch long legs.

b. For "Erosion Control Types A, AA, and AAA": 8 gauge (0.15 inch) diameter steel wire with a 1 inch or 2 inch throat with 8 inch or 10 inch long legs.

3. The seed shall comply with the applicable portion of Section 803. The seed mixture shall be of the types and applied at the rate shown in the special provisions.

4. The fertilizer shall comply with the applicable portion of Section 804. The fertilizer shall be of the types and applied at the rate shown in the special provisions.

5. An approved filter fabric shall be placed under "Erosion Control, Types A, AA, and AAA". Approved filter fabrics are listed on the NDR Approved Products List.

807.03 -- Construction Methods

1. This work shall be performed as soon as possible after finish grading operations have been completed.

2. No restrictive seeding time periods shall apply to this work.

3. a. The Contractor shall tamp and shape fill earth to the finish grade as needed to repair erosion to the grades and conditions shown in the plans.

b. If additional fill dirt is required, it will not be paid for as extra work and must be provided and placed at no additional cost to the Department.

4. a. The Contractor shall perform all work in the areas to be protected so that the land surface is graded smooth and free of all debris, including roots and stones larger than 1 inch in their largest dimension.

b. All lumps of soil shall be pulverized, raked out, or removed.

c. Vegetation shall be removed from these areas except for the desirable native vegetation that has been designated by the Engineer to remain undisturbed.

d. The soil in the areas to be protected by the soil retention blanket shall be loosened to a depth of not less than 1 inch by discing, harrowing, raking, or other approved methods.

5. The Contractor shall obtain the Engineer's approval of all soil preparation work, fertilizer, and seed.

6. a. The Contractor shall place the soil retention blankets immediately following fertilizing and seeding.

b. The blanket shall be laid out flat, parallel to the surface runoff flow direction, and secured as shown in the plans for each specific type of erosion control.

c. Care shall be exercised in placing the blanket so as not to disturb previously seeded areas.

807.04 -- Method of Measurement

1. Erosion control areas are measured by the square yard.

2. The areas are computed by multiplying the length times the nominal width at each location shown in the plans.

807.05 -- Basis of Payment

1.	<u>Pay Item</u>	<u>Pay Unit</u>
	Erosion Control, Type _____	Square Yard (SY)
	Erosion Control	Square Yard (SY)
2.	Payment is full compensation for all work prescribed in this Section.	